

Title (en)

MESSAGE FLOODING PREVENTION IN MESSAGING NETWORKS

Title (de)

VERHINDERUNG VON NACHRICHTENÜBERLASTUNG IN NACHRICHTENÜBERMITTLUNGSNETZWERKEN

Title (fr)

PRÉVENTION CONTRE LES INONDATIONS DE MESSAGES DANS DES RÉSEAUX DE MESSAGERIE

Publication

**EP 2817924 B1 20160907 (EN)**

Application

**EP 13706231 A 20130220**

Priority

- US 201261602200 P 20120223
- EP 2013053331 W 20130220

Abstract (en)

[origin: WO2013124291A1] A message flooding prevention system (1) has multiple interceptors (2, 3, 4), each with an interceptor unit linked with an RCS server, and SMSC, or an MMSC. The interceptors (2, 3, 4) are connected to flood detect nodes (10) for receiving messages at a point in a communications network, extracting data from a message, generating at least one code from extracted data, and comparing the code or codes with one or more previous codes. The flood detect nodes (10) determine according to the comparison if the received message is suspected to be a flooding message and if so, performs code generation including hashing. The flood detect nodes (10) save the code to one of a set of database buckets (21), each bucket being associated with a code, and select a bucket according to the generated code, and increment a fill parameter of the selected bucket.

IPC 8 full level

**H04L 12/58** (2006.01); **H04W 4/12** (2009.01)

CPC (source: EP US)

**H04L 51/212** (2022.05 - EP US); **H04L 63/1416** (2013.01 - EP US); **H04L 63/1425** (2013.01 - US); **H04L 63/1433** (2013.01 - US); **H04L 63/1466** (2013.01 - US); **H04L 63/20** (2013.01 - US); **H04W 4/12** (2013.01 - EP US); **H04W 12/125** (2021.01 - EP US); **H04W 12/128** (2021.01 - EP US); **H04W 88/184** (2013.01 - EP US); **H04L 51/58** (2022.05 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2013124291 A1 20130829**; EP 2817924 A1 20141231; EP 2817924 B1 20160907; US 2015020196 A1 20150115; US 2016255112 A1 20160901; US 9338179 B2 20160510; US 9491195 B2 20161108

DOCDB simple family (application)

**EP 2013053331 W 20130220**; EP 13706231 A 20130220; US 201314377810 A 20130220; US 201615149241 A 20160509